

Title (en)
INDOOR UNIT FOR AIR CONDITIONER

Title (de)
INNENRAUMEINHEIT FÜR KLIMAAANLAGE

Title (fr)
UNITÉ INTÉRIEURE POUR UN CONDITIONNEUR D'AIR

Publication
EP 3767196 A4 20220413 (EN)

Application
EP 19766790 A 20190315

Priority
• KR 20180030777 A 20180316
• KR 20190024949 A 20190304
• KR 2019003028 W 20190315

Abstract (en)
[origin: EP3767196A1] An indoor unit for an air conditioner in which the water level of a steam generator is linked with the water level of a supply chamber for supplying water to the steam generator, and a supply floater, which is lowered or raised according to the water level of the supply chamber, opens and closes a supply flow channel for supplying water to the supply chamber. The indoor unit for an air conditioner can control the water supply through the level of water stored in the steam generator.

IPC 8 full level
F24F 6/12 (2006.01); **F16K 31/20** (2006.01); **F24F 1/0087** (2019.01); **F24F 6/00** (2006.01); **F24F 6/18** (2006.01); **F24F 13/22** (2006.01)

CPC (source: CN EP US)
F16K 31/18 (2013.01 - CN); **F16K 31/20** (2013.01 - EP); **F24F 1/0007** (2013.01 - CN); **F24F 1/0073** (2019.02 - CN); **F24F 1/0076** (2019.02 - CN); **F24F 1/0087** (2019.02 - CN EP); **F24F 6/00** (2013.01 - CN US); **F24F 6/02** (2013.01 - CN US); **F24F 6/12** (2013.01 - CN EP); **F24F 6/18** (2013.01 - EP US); **F24F 11/00** (2013.01 - US); **F24F 11/64** (2018.01 - CN); **F24F 11/72** (2018.01 - CN); **F24F 13/20** (2013.01 - CN US); **F24F 13/22** (2013.01 - EP); **F24F 13/222** (2013.01 - CN); **F24F 1/005** (2019.02 - EP); **F24F 2006/008** (2013.01 - EP)

Citation (search report)
• [I] JP 2004173797 A 20040624 - TOSHIBA HOME TECH CORP
• [A] KR 20100013525 A 20100210 - SAMSUNG ELECTRONICS CO LTD [KR]
• [A] JP S62223502 A 19871001 - MATSUSHITA ELECTRIC WORKS LTD
• [A] US 5815637 A 19980929 - ALLEN STUART V [US], et al
• See also references of WO 2019177417A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3767196 A1 20210120; **EP 3767196 A4 20220413**; CN 111868452 A 20201030; CN 111868452 B 20220510; CN 114754480 A 20220715; CN 114754480 B 20240528; US 2021222895 A1 20210722; WO 2019177417 A1 20190919

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EP 19766790 A 20190315; CN 201980019378 A 20190315; CN 202210449080 A 20190315; KR 2019003028 W 20190315; US 201916980760 A 20190315